



Water-Data Report 2008

01374916 STONE HILL RIVER NEAR BEDFORD HILLS, NY

Lower Hudson Basin
Lower Hudson Subbasin

LOCATION.--Lat 41°14'45.5", long 73°40'08.5" referenced to North American Datum of 1983, Westchester County, NY, Hydrologic Unit 02030101, at bridge on Beaver Dam Road, 0.2 mi upstream from confluence with Broad Brook, and about 1.5 mi northeast of Bedford Hills.

DRAINAGE AREA.--13.3 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements--2000-2001, 2003 to current year.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Discharge, in ft³/s
Apr 23, 2008	13.1
Jun 3, 2008	10.3
Jun 11, 2008	9.95
Aug 21, 2008	4.30

01374916 STONE HILL RIVER NEAR BEDFORD HILLS, NY—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--

PESTICIDE DATA: 2000 (b), 2001-04 (a), 2005 (b), 2006-08 (a).

REMARKS.--For many of the samples collected, analysis was performed using different analytical methods. When these methods share one or more compounds, separate tables are provided so that each compound can be presented. A sampling method code of 15 indicates an equal-width increment, non-isokinetic sample.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 6

[Remark codes: <, less than; E, estimated.]

Date	Time	Instantaneous discharge, ft ³ /s (00061)	1-Naphthol, water, fltrd, 0.7u GF (49295) µg/L	2,6-Diethyl-aniline, water, fltrd, 0.7u GF (82660) µg/L	2Chloro -2',6'-diethyl acetanilide, wat flt (61618) µg/L	CIAT, water, fltrd, (04040) µg/L	2-Ethyl -6-methyl-aniline, water, fltrd, (61620) µg/L	3,4-Di-chloro-aniline, water, fltrd, (61625) µg/L	4-Chloro-2methyl phenol, water, fltrd, (61633) µg/L	Aceto-chlor, water, fltrd, (49260) µg/L	Ala-chlor, water, fltrd, (46342) µg/L	Atra-zine, water, fltrd, (39632) µg/L	Azin-phos-methyl oxon, water, fltrd, (61635) µg/L
Jun 11...	1300	10	<.04	<.006	<.010	E.008	<.010	<.006	<.005	<.006	<.006	.008	<.04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 6

[Remark codes: <, less than; E, estimated.]

Date	Azin-phos-methyl, water, fltrd, 0.7u GF (82686) µg/L	Ben-flur-alin, water, fltrd, 0.7u GF (82673) µg/L	Car-baryl, water, fltrd, 0.7u GF (82680) µg/L	Chlor-pyrifos oxon, water, fltrd, (61636) µg/L	Chlor-pyrifos, water, fltrd, (38933) µg/L	cis-Per-methrin, water, fltrd, 0.7u GF (82687) µg/L	Cyflu-thrin, water, fltrd, (61585) µg/L	Cyper-methrin, water, fltrd, (61586) µg/L	DCPA, water, fltrd, 0.7u GF (82682) µg/L	Desulf-inyl-fipro-nil, water, fltrd, (62170) µg/L	Diazi-non, water, fltrd, (39572) µg/L	Dicro-tophos, water, fltrd, (38454) µg/L	Diel-drin, water, fltrd, (39381) µg/L
Jun 11...	<.120	<.010	<.060	<.06	<.005	<.010	<.016	<.014	<.003	<.012	<.005	<.08	<.009

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 6

[Remark codes: <, less than; E, estimated.]

Date	Dimeth-oate, water, fltrd, 0.7u GF (82662) µg/L	Ethion monooxon, water, fltrd, (61644) µg/L	Ethion, water, fltrd, (82346) µg/L	Fenami-phos sulfone, water, fltrd, (61645) µg/L	Fenami-phos sulf-oxide, water, fltrd, (61646) µg/L	Fenami-phos, water, fltrd, (61591) µg/L	Desulf-inyl-fipro-nil amide, wat flt (62169) µg/L	Fipro-nil sulfide, water, fltrd, (62167) µg/L	Fipro-nil sulfone, water, fltrd, (62168) µg/L	Fipro-nil, water, fltrd, (62166) µg/L	Fonofos, water, fltrd, (04095) µg/L	Hexa-zinone, water, fltrd, (04025) µg/L	Ipro-dione, water, fltrd, (61593) µg/L
Jun 11...	<.007	<.02	<.006	<.053	<.20	<.03	<.029	<.013	<.024	<.020	<.010	<.008	<.0106

01374916 STONE HILL RIVER NEAR BEDFORD HILLS, NY—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 6

[Remark codes: <, less than; E, estimated.]

Date	Isofen-phos, water, fltrd, µg/L (61594)	Mala-oxon, water, fltrd, µg/L (61652)	Mala-thion, water, fltrd, µg/L (39532)	Meta-laxyl, water, fltrd, µg/L (61596)	Methid-athion, water, fltrd, µg/L (61598)	Methyl para-oxon, water, fltrd, µg/L (61664)	Methyl para-thion, water, fltrd, 0.7u GF µg/L (82667)	Metola-chlor, water, fltrd, µg/L (39415)	Metri-buzin, water, fltrd, µg/L (82630)	Myclo-butanil, water, fltrd, µg/L (61599)	Pendi-meth-alin, water, fltrd, 0.7u GF µg/L (82683)	Phorate oxon, water, fltrd, µg/L (61666)	Phorate water, fltrd, 0.7u GF µg/L (82664)
Jun 11...	<.006	<.020	<.016	<.007	<.004	<.01	<.008	E.006	<.012	<.010	<.012	<.03	<.040

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 6

[Remark codes: <, less than; E, estimated.]

Date	Phosmet oxon, water, fltrd, µg/L (61668)	Phosmet water, fltrd, µg/L (61601)	Prome-ton, water, fltrd, µg/L (04037)	Prome-tryn, water, fltrd, µg/L (04036)	Propy-zamide, water, fltrd, 0.7u GF µg/L (82676)	Sima-zine, water, fltrd, µg/L (04035)	Tebu-thiuron, water, fltrd, 0.7u GF µg/L (82670)	Ter-bufos oxon sulfone, water, fltrd, µg/L (61674)	Terbu-fos, water, fltrd, 0.7u GF µg/L (82675)	Ter-buthyl-azine, water, fltrd, µg/L (04022)	Tribu-phos, water, fltrd, µg/L (61610)	Tri-flur-alin, water, fltrd, 0.7u GF µg/L (82661)	Di-chlor-vo-s, water, fltrd, µg/L (38775)
Jun 11...	<.05	<.008	E.01	<.006	<.004	.066	<.02	<.04	<.02	<.01	<.035	<.009	<.01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 6 of 6

[Remark codes: <, less than; E, estimated.]

Date	Sam-pling method, code (82398)
Jun 11...	15